Signature

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					et No.			252011-2000		7
2	UTILITY							Wu et al.	<u></u>	
	Р	ATENT APPLICATION	Title	Cop	per Interconnec			ts	F 4	=
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(Only for new nonprovisional applications under 37 CFR 1.53(b))				Mail	Label No.			EV269254169US	30	
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	APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application conte				ADDRESS TO: Mail Stop Patent Applic P.O. Box 1450 Commissioner for Paten Alexandria, VA 22313-1				17548 10/	
		APPLICANT REQUESTS E	ARLY	PUBL	ICATIO	NU N	DER 3	7 CFR 1.219 (additional fee)		- 1
1.	X	-		7.		CD-R Progr	Computer			
2.				8.						
3.	X	Specification [Total Pages (preferred arrangement set forth below)	27]		а.		, all necessary) Computer Readable Copy (CRF)		İ
	L	Descriptive title of the invention Cross References to Related Applications	•	_		b.	Speci	fication Sequence Listing on:		
1	 Statement Regarding Fed. Sponsored R&D 									
Ĭ	 Reference to sequence listing, a table, or a computer program listing appendix 							i. CD-ROM or CD-R (2 copie	s); or	
	 Background of the Invention 							ii. Paper		l
1		Brief Summary of the Invention Brief Description of the Drawings (if filed)				C.		Statements verifying identity of abo	ove conies	
1		- Detailed Description								
ı		- Claim(s)				ACC	OMF	PANYING APPLICATION PA	RIS	괵
		- Abstract of the Disclosure			9.	X	Assia	nment Papers (cover sheet & Document	s(s))	
4.	X	Drawing(s) (35 USC 113) [Total Sheets	5	7	10.		37 CF	R 3.73(b) Statement Po	wer of orney	
5.	Oath o	r Declaration [Total Pages	3	\exists_{I}	11.		Englis	sh Translation Document (if applicable)		- 1
	a.	X Newly Executed (original or copy)			12.				pies of IDS ations	
	b. Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 18 completed)				13.		Prelin	ninary Amendment		Į
					14.	Х		n Receipt Postcard (MPEP 503) uld be specifically itemized)		Į
i. DELETION OF INVENTOR(S) Signed statement attached deleting inv)	15.			ied Copy of Priority Document(s) eign priority is claimed)		
	named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				16.		122(t	est and Certification under 35 U.S.C. (2)(B)(I). Applicant must attach form SB/35 or its equivalent.		
1 ~		1			17		Othe			1

i. Applica Assignee Name and Add (if applicable)	Signed named see 37 tion Data Sheet.	statement attached deleting in in the prior application, CFR 1.63(d)(2) and 1.33(b). See 37 CFR 1.76	ventor(s) 15	Certified Copy of Priority Document(s) (if foreign priority is claimed) Request and Certification under 35 U.S.C. 122(b)(2)(B)(I). Applicant must attach form PTO/SB/35 or its equivalent.
18. If a CONTINUI or in an Application Continuatio Prior applica	NG APPLICAT Data Sheet un an ation informati DIVISIONAL APPS Danying continuation	der 37 CFR 1.76: Divisional	Continuation-in-	part (CIP) of prior application No: / . Group / Art Unit: which an oath or declaration is supplied under Box 5b, is considered a part of the eference. This incorporation can only be relied upon when a portion has been
		18. CORR	ESPONDENCE	ADDRESS
Customer Nu	mber or Bar Code	(Insert Custom	24504 er No. or Attach bar	code label here) or Correspondence address below
		ayden, Horstemeyer &	Rislev, L.L.P.	
ADDRESS	100 Galleria Suite 1750			
CITY	Atlanta	STATE	Georgia	ZIP CODE 30339-5948
COUNTRY	U.S.A.	TELEPHONE	770-933-9500	FAX 770-951-0933
Name (Print/Type)		Daniel R. McClure		Registration No. (Attorney/Agent) 38,962

Date

3-10-04

Group / Art Unit

Attorney Docket No.

Unassigned

252011-2000

Under the Paperwork Reduction Act of 1995, no persons are FEE TRANSMITTAL for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revisions.	Approved for use through 10/31/2002. O U.S. Patent and Trademark Office: U.S. DEPARTMENT Of Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB of						
TEE TO A NOMITTAL	Complete If Known						
SE C FEE IRANSIVIII IAL	Application Number	Unassigned March 10, 2004 Wu et al. Unassigned					
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To any trial company of the state of the company of mylicians	First Named Inventor						
O Enective 10/01/2003. Patent fees are subject to annual revisions.	Examiner Name						

(s) 1170.00

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

MET	FEES CALCULATION (continued)											
	METHOD OF PAYMENT (check all that apply) Check Credit Card Money Other None						3. ADDITIONAL FEES					
Order					Entity Fee	Small E	Entity Fee	Fee Description	Fee Paid			
Deposit				Fee Code	(\$)	Code	(\$)	· ·				
Account				1051	130	2051	65	Surcharge-late filing fee or oath				
Deposit Account					50	2052	25	Surcharge-late provisional				
Number				1053	130	1053	130	filing fee or cover sheet Non-English specification				
		20-0778		1812	2,520	1812	2,520	For filing a request for ex				
Deposit Account				1804	920*	1804	920*	parte reexamination Requesting publication of				
Name Thomas, Kayden, Horstemeyer Risley, L.L.P.								SIR prior to Examiner action				
The Commissio	ner is authorized	to: (check all that apply	·)	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments					110	2251	55	Extension for reply within first				
Charge any a	dditional fee(s) duri	ng the pendency of this ap	plication	1252	420	2252	210	month Extension for reply within				
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1. BASIC FILIN Large Entity	G FEE Small Entity			1255	2,010	2255	1,005	fourth month Extension for reply within fifth				
Fee Fee	Fee Fee		Fee Paid	ll .				month				
Code (\$)	Code (\$)	Fee Description		1401 1402	330 330	2401 2402	165 165	Notice of Appeal Filing a brief in support of an				
1001 770	2001 385	Utility Filing Fee	770					appeal				
1002 340	2002 170	Design Filing Fee		1403	290	2403	145	Request for oral hearing				
1003 530	2003 265	Plant Filing Fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding				
1004 770	2004 385	Reissue Filing Fee		1452	110	2452	55	Petition to revive-				
1005 160	2005 80	Provisional Filing Fee		1453	1,330	2453	655	unavoidable Petition to revive-				
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		1 ' '	<i>i</i> U	1501 1502	1,330 480	2501 2502	665 240	Utility issue fee (or reissue) Design issue fee				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee Fee					480 640	2502	320	Plant issue fee				
		Extra Fee Claims From		1503 1460	130	1460	130	Petitions to the				
_		Belov						Commissioner				
Total Claims 40 - 20**= 20 X 18.00 = 360 Independent 3 - 3**= 0 X 86.00 = 0				1807	50	1807	50	Processing fee for provisional application				
Independent Claims	3 - 3** =			1806	180	1806	180	Submission of Information				
Multiple	0	290.00 =	0	8021	40	8021	40	Disclosure Stmt Recording each patent	40			
Dependent L								assignment per property				
Large Entity	Small Entity Fee Fee	Fee Description		1809	770	2809	385	(times number of properties) Filing a submission after final				
Fee Fee Code (\$)	Code (\$) 2202 9					2810	385	rejection (37 CFR § 1.129(a)) For each add, invention to be				
1202 18		Claims in excess of 20		1810	770			examined (37 CFR 1.129(b))				
1201 86	2201 43	Independent claims in e		1801	770	2801	385	Request for Continued Examination (RCE)				
1203 290	2203 145	Multiple dependent clair		1802	900	1802	900	Request for expedited exam.				
1204 86	2204 43	**Reissue independent original patent	ciaims over			1		of a design application	—			
1205 18	2205 9	**Reissue claims in exc and over original pate		Other f	ee (specif	y)		011DT0T41 (0)				
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SUBMITTED BY Complete (if applicable) Telephone Registration No. 38,962 770-933-9500 Daniel R. McClure Number Typed or Printed Name 3-10-04 In re: Wu et al.

For: **COPPER INTERCONNECTS**

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard Utility Patent Application Transmittal Page Fee Transmittal Page Utility Patent Application Consisting Of: 15 Pages of Specification 11 Pages of Claims (Claims 1-40) 1 Page of Abstract 5 Pages of Formal Drawings (Figs. 1-4, Attachment)

Credit Card Authorization Form (Amount: \$1170.00) Declaration (executed)

Assignment/Recordation Form Cover Sheet

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Daniel R. McClure; Reg. No. 38,962

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

Atlanta, Georgia 30339-5948

Our Docket No: 252011-2000

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE

TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To

Addressee" Package # EV269254169US.

Date: March 10, 2004